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ABSTRACT OF THE DISCLOSURE

5 A method and mechanism operating within the Application layer of the
architectural model for maintaining high availability in a two node computer network
which utilizes alternate pathing. A failover mechanism operating within the Application
layer monitors the original, primary network path. Upon detecting a failure of the primary
path, the failover mechanism halts monitoring of the primary connection, configures the
alternate network interface with the parameters of the primary network interface, and
10 brings up the backup interface.

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